

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of adjusting the optical thickness of ~~an optical component~~ a lens made from a material transparent to light to be used, comprising;
etching a surface of ~~said optical component~~ the lens to reduce ~~said~~ the optical thickness.

2. (Currently Amended) A method of adjusting the position of an optical component, comprising;

etching a mounting surface of ~~said~~ the optical component to adjust the position of the optical component ~~at least one surface thereof~~.

3. (Currently Amended) ~~An optical component~~ A lens whose optical thickness has been adjusted by ~~the thickness adjustment method of Claim 2~~ a method according to Claim 1.

4. (Currently Amended) An optical component whose mounting surface ~~optical thickness~~ has been adjusted by ~~the thickness adjustment method of Claim 4~~ a method according to Claim 2.

5. (New) A method of adjusting the optical thickness of a lens according to Claim 1, further comprising:

manufacturing the lens before etching the surface of the lens to reduce the optical thickness.

6. (New) A method of adjusting the optical thickness of a lens according to claim 5, wherein etching is performed to bring an optical thickness of the manufactured lens to a target optical thickness of the lens.

7. (New) A method of adjusting the optical thickness of a lens according to claim 1, wherein the lens comprises a convex surface and a planar surface, and the planar surface is etched to reduce the optical thickness.

8. (New) A lens whose optical thickness has been adjusted by a method of according to Claim 5.

9. (New) A lens whose optical thickness has been adjusted by a method of according to Claim 6.

10. (New) A lens whose optical thickness has been adjusted by a method according to Claim 7.